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UTILITY
PATENT APPLICATION
TRANSMITTAL
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. First Inventor		5094	0		
		John Shigeura (deceased)	37		
Title	HEAT TRANSFE	R FOR THERMAL CYCLING	33.0		
Expre	ss Mail Label No.	EV 320 407 445 US	- 6		

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.			ADDRESS TO:  Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450									
1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)  2. Applicant claims small entity status. See 37 CFR 1.27.  3. Specification (preferred arrangement set forth below) - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure  4. Drawing(s) (35 U.S.C. 113) [Total Sheets 13]  5. Oath or Declaration [Total Pages 1] a. Executed (original or copy) b. Copy from a prior application (37 C.F.R. § 1.63(d)) (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76.				7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Copy (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or  ii. paper  c. Statement verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  9. Assignment Papers (cover sheet & document(s))  10. 37 C.F.R. §3.73(b) Statement Power of Attorney (when there is an assignee)  11. English Translation Document (if applicable)  12. Information Disclosure Copies of IDS Citations Statement (IDS)/PTO-1449  13. Preliminary Amendment  14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  15. Certified copy of Priority Document(s) (if foreign priority is claimed)  16. Certified Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.								
or in  Prior  For CONTI under Box	18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:  Continuation  Divisional  Continuation-in-part (CIP) of prior application No.:  Frior application information:  Examiner:  Group Art Unit:  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.											
<b>N 1</b>			19. COR	RESPOR	IDE	NCE.	ADDRE	55				
Custo	Customer Number or Bar Code Label  Or Correspondence address below  22896						ess below					
Name	Name Phil N. Makrogiannis											
	Applied Biosystems											
Address	850 Lincoln Centre Drive											
City	Foster City		State	Califor			1		Code	-	94404	
Country						567			Fax		650-638-667	7
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[/	Name (Print/Type)	Phil N Maki	ogiannis		/ !	X R	Registratio	n No	. (Attorney/A	gent)	47,766	
\$	Signature	1111	ma	Kr.	L			_	Dé	ite	January 22, 200	04
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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE TRANSMITTAL		Complete if Known						
for FY 2004			Application Number	To be assigned				
			Filing Date	January 23, 2004 (herewith)				
	.0 –		First Named Inventor	John Shigeura (deceased)				
Patent fees are subject to annual revision.		Examiner Name	To be assigned					
			Group Art Unit	To be assigned				
T	OTAL AMOUNT OF PAYMENT	(\$) 942.00	Attorney Docket No.	5094				

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